

Response to Office Action
Mailed June 19, 2003
Patent Application No.: 09/530,723

AMENDMENTS TO THE CLAIMS

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1. (Currently Amended) A system for routing a ~~service~~ call made from a calling line resold to a ~~competitive~~ carrier, the system comprising:
 - a switch coupled to the resold line, the switch being operative to route the ~~service~~ call to a service switching point;
 - a service switching point having a trigger provisioned thereon to cause the service switching point to launch a query to a service control point upon receiving the call from the switch; and
 - a the service control point operative to receive the query from the service switching point and to provide routing instructions to the service switching point based upon resold line routing information stored in ~~at least one database coupled to the service control point~~, the routing information identifying a location specified by the carrier for handling the ~~service~~ call.
 2. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 1, wherein the switch is comprises an ADN-capable a service switching point.
 3. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 1, further comprising a line class code ~~table~~ database stored in the switch, the line class code database storing a line class code corresponding to a class of service of the resold line and information specifying that calls be routed to the service switching point.
 4. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 3, wherein the switch accesses the line class code database to route the call to the service switching point.
 5. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 1, wherein the query ~~includes~~ comprises a directory number of the calling line and a called party number.

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6. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 1, wherein the trigger ~~is~~ comprises an off-hook delayed trigger.

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7. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 1, wherein the resold line routing information stored in the at least one database further comprises:

- an identifier for the directory number of the resold calling line; and
- an identifier for the ~~competitive~~ carrier.

8. (Currently Amended) The system for routing a ~~service~~ call, wherein the resold line routing information ~~includes~~ comprises routing information specifying the location for handling the ~~service~~ call.

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9. (Currently Amended) In an intelligent network, a system for routing a ~~service~~ call made from a calling line resold to a ~~competitive~~ carrier, the system comprising:

a first network element operative to route the ~~service~~ call to a second network element;

a second network element operative to ~~cause the second network element to~~ launch a query to a third network element upon receiving the call from the first network element; and

the third network element operative to receive the query from the second network element and to provide routing instructions to the second network element based upon resold line routing information stored in a storage device coupled to the third network element, the routing information identifying a location specified by the ~~competitive~~ carrier for handling the ~~service~~ call;

in response to receiving the routing instructions from the third network element, the second network element being further operative to route the call to the location for handling the ~~service~~ call.

10. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, wherein the first network element ~~is~~ comprises a switch.

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11. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, wherein the first network element is comprises a service switching point.

12. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, wherein the second network element is comprises a service switching point.

13. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, wherein the third network element is comprises a service control point.

14. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, wherein the second network element is provisioned with a trigger to cause the second network element to launch the query.

15. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, wherein the resold line routing information stored in the storage device further comprises:

- an identifier for the directory number of the calling line; and
- an identifier for the service provider.

16. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 15, wherein the resold line routing information includes a routing index specifying the location for handling the ~~service~~ call.

17. (Currently Amended) The system for routing a ~~service~~ call, as recited in Claim 9, further comprising a line class code table stored in the switch, the line class code table storing a line class code corresponding to a class of service of the line and information specifying that calls be routed to the service switching point.

18. (Currently Amended) A method for routing a ~~service~~ call made from a calling line resold to a service provider, the method comprising ~~the steps of:~~

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routing the ~~service~~ call to a switch;
routing the ~~service~~ call from the switch to a service switching point;
transmitting a query from the service switching point to a service control point
to determine a location specified by the ~~competitive~~ carrier for handling the ~~service~~ call,
the query including a directory number of the resold calling line and a called number;
accessing a database containing an identifier for the service provider and an
identifier for the location for handling the ~~service~~ call; and
transmitting the identifier for the location to the service switching point; and
routing the call from the service switching point to the location for handling the
~~service~~ call.

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19. (Currently Amended) The method for routing a ~~service~~ call, as recited in
Claim 18, further comprising ~~the steps of~~:

accessing a table containing a line class code for the calling line and an identifier
for the location of a trunk group coupled to the service switching point; and
routing the call to the trunk group based upon the identifier for the location of the
trunk group.

20. (Currently Amended) The method for routing a ~~service~~ call, as recited in
Claim 18, further comprising ~~the step of encountering~~ a trigger at the service switching
point, thereby causing the service switching point to launch the query.

21. (Currently Amended) The method for routing a service call, as recited in
Claim 20, wherein the trigger is comprises an off-hook delayed trigger.